

- GILLETT, G. W. 1961. An experimental study of variation in the *Phacelia sericea* complex. *Am. Jour. Bot.* 48:1-7.
- . In Press. Genetic barriers in the *Cosmanthus phacelias* (Hydrophyllaceae). *Rhodora*.
- STEBBINS, G. L. 1950. Variation and evolution in plants. New York. Columbia University Press.

EULOPHIA ECRISTATA AND EPIDENDRUM CONOPSEUM IN MISSISSIPPI

According to the latest authority available to me (Native Orchids of North America North of Mexico, Donovan Stewart Correll, 1950) the present known range of *Eulophia ecristata* (Fernald) Ames is extremely disjunct with stations in North Carolina, Florida and Louisiana. I recall collecting it some fifteen years ago in Georgia. It was almost a certainty that sooner or later it would turn up in the intervening territory. This past summer while collecting in a low lying, grassy savanna within the western limits of the town of Picayune I found a small colony of three plants. Close associates were various species of *Panicum* and *Paspalum* while nearby were such genera as *Stokesia*, *Eupatorium*, *Gerardia*, *Chondrophora*, *Solidago*, and *Helianthus*. The *Eulophia* was in bloom on Aug. 21st. A few days later I found a single specimen about eight miles to the northwest in open, grassy pineland. A specimen has been deposited at the University of Mississippi.

Curiously enough almost the same pattern applies to the range of *Epidendrum conopseum* R. Br. This past winter I noticed its leaves about ten feet up on the trunk of *Nyssa* in a wooded overflow swamp two miles west of Picayune. About the middle of July, in company with Dr. Thomas M. Pullen, it was collected in flower.

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